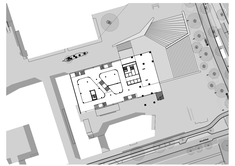
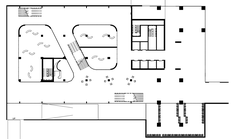
HOUSING THE UNKNOWN FUTURE | towards adaptability in vacant office transformation

NIELS BURING 4089049
ROEL VAN DE PAS ARCHITECTURE
PADDY TOMESEN BUILDING TECHNOLOGY
THALEIA KONSTANTINOU RESEARCH

LOCATION IN ROTTERDAM 1:5000



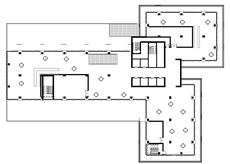
SITUATION AND GROUND FLOOR 1:500



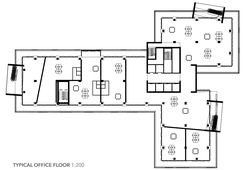
BASEMENT 1:200

FIRST FLOOR 1:200

SECOND FLOOR 1:200



THIRD FLOOR 1:200

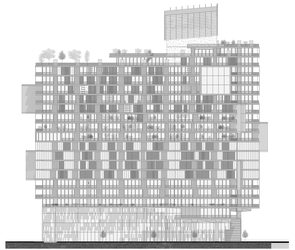


TYPICAL OFFICE FLOOR 1:200

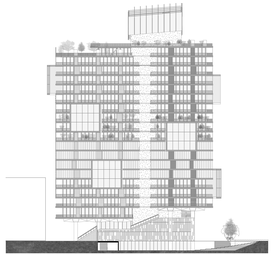
TYPICAL LEISURE FLOOR 1:200

RESIDENTIAL FLOOR 1:200

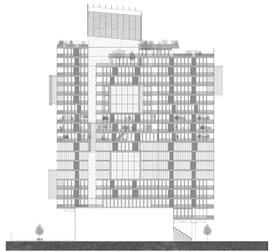
NORTH FACADE 1:200



SOUTH FACADE 1:200

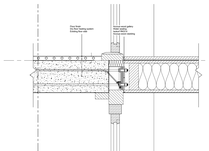


EAST FACADE 1:200

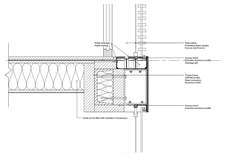


WEST FACADE 1:200

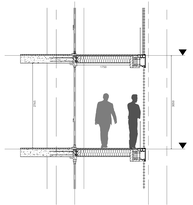
FACADE FRAGMENT 1:20



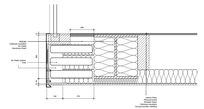
FLEXIBLE EXTENSION DETAIL EXISTING - NEW 1:5



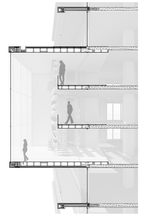
FLEXIBLE EXTENSION DETAIL EXTERIOR 1:5



POCKET DETAIL ROOF 1:5

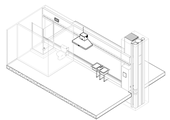


POCKET DETAIL FLOOR 1:5

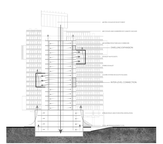


POCKET SECTION 1:50

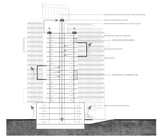
POCKET CONSTRUCTION



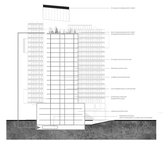
SHAFT WITH BUILDING SERVICES AXONOMETRIC VIEW



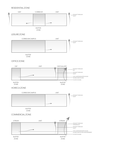
CLIMATE CONCEPT SUMMER

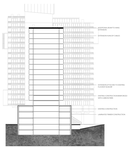


CLIMATE CONCEPT WINTER



ENERGY CONCEPT





CONSTRUCTION CONCEPT